

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2000</h2> <p style="font-size: small; margin: 0;">Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</p>		<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td></td></tr> <tr><td>Filing Date</td><td></td></tr> <tr><td>First Named Inventor</td><td>David N.S. Hon</td></tr> <tr><td>Examiner Name</td><td>J. Kerr</td></tr> <tr><td>Group / Art Unit</td><td>1633</td></tr> <tr><td>Attorney Docket No.</td><td>460-001 Cont. IV</td></tr> </table>		Application Number		Filing Date		First Named Inventor	David N.S. Hon	Examiner Name	J. Kerr	Group / Art Unit	1633	Attorney Docket No.	460-001 Cont. IV
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METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																				
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 11-0978</p> <p>Deposit Account Name: </p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p>3. <input type="checkbox"/> Charge any additional fee required under 37 CFR Sections 1.16 and 1.17 or credit any overpayment to the above-listed deposit account.</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;">Subtotal (3) (\$)</td> <td style="text-align: center; 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	J. William Seanor, D.V.M.	Registration No. (Attorney/Agent)	40,804
Signature	<i>J.W. Seanor DVM</i>	Telephone	859/ 252-0889
		Date	November 20, 2000

S.N.: NOT YET ASSIGNED

Docket No. 460-001 Continuation IV

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application :

DAVID N. S. HON ET AL. :

Serial No. NOT YET ASSIGNED :

Group Art Unit: 1633

Filed: November 20, 2000 :

For: COMPOSITIONS OF OAK BARK :
EXTRACT RELATED SYNTHETIC :
COMPOSITIONS AND METHOD OF :
USING SAME :

PRELIMINARY AMENDMENT

Commissioner of Patents
and Trademarks
Washington, DC 20231

Dear Sir:

The above-styled application is a continuation of prior application Serial Number: 08/947,055, filed on October 8, 1997 which is set to issue on November 21, 2000 as U.S. Patent Number 6,149,947. This application claims the benefit of priority, through co-pendency, of prior application Serial Number: 07/973,071, filed November 6, 1992, the status of which is now abandoned.

In the Claims

Please cancel claims 32-36 without prejudice.

Please add the following new claims 37-43 as follows:

--37. A composition comprising from 40% to 80% by weight of solids of an aqueous oak bark extract.

38. The composition of claim 37, wherein the composition is useful for enhancing wound healing at a wound site via modulation of matrix metalloproteinase activity at the wound site.

39. A composition for enhancing wound healing at a wound site via modulation of matrix metalloproteinase activity at the wound site, comprising:

a pharmaceutically acceptable carrier; and

an active ingredient of inorganic solids comprising 10-80 parts by weight of potassium ions, 0.00001-20 parts by weight of zinc ions, 0.01-10 parts by weight of calcium ions and 1-40 parts by weight of rubidium ions.

40. The composition according to claim 39, wherein the rubidium ions comprise 1-30 parts by weight of the inorganic solids.

41. The composition according to claim 39, wherein said carrier is water.
42. The composition according to claim 39, wherein said carrier is cream based.
43. A method for enhancing wound healing at a wound site via modulation of matrix metalloproteinase activity at the wound site, comprising applying to the wound site an effective amount of a therapeutic composition comprising:

a pharmaceutically acceptable carrier; and

an active ingredient of inorganic solids comprising 10-80 parts by weight of potassium ions, 0.00001-20 parts by weight of zinc ions, 0.01-10 parts by weight of calcium ions and 1-40 parts by weight of rubidium ions.--

REMARKS

New claim 37 above is identical to non-elected claim 1 of the parent application Serial Number: 07/973,071, as set forth in the "Response to Restriction Requirement" filed on November 18, 1993.

New claims 38-43 are set forth herein to distinctly claim specific embodiments of the present invention directed compositions and methods for enhancing wound healing at a wound site via modulation of matrix metalloproteinase activity at the wound site. The Examiner is invited to contact the undersigned attorney directly if such contact will

enhance the efficient prosecution of the application to issue.

Respectfully submitted,

KING AND SCHICKLI



J.W. Seanor, D.V.M.
Registration No. 40,804

247 North Broadway
Lexington, Kentucky 40507
(859) 252-0889

CERTIFICATE OF MAILING

I hereby certify that this correspondence
is being deposited with the United States Postal
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to: Commissioner of Patents and Trademarks
Washington, D.C. 20431, on
Date November 20, 2000

